Index of Claims

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 09/944,832      | JACOBS ET AL. |
| Examiner        | Art Unit      |
| Woo H. Choi     | 2189          |

| x | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  | A |
|---|--------------|---|
| _ | Interference | C |

| Α | Appeal   |
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| 0 | Objected |

| Cla   | aim              | Date        |            |             |            |   |                                     |          |          |  |  |
|-------|------------------|-------------|------------|-------------|------------|---|-------------------------------------|----------|----------|--|--|
| Final | Original         | 6/23/04     | 11/8/04    | 4/29/05     | 7/8/05     |   |                                     |          |          |  |  |
|       | 1                | X           | •          | Ŀ           | Ŀ          |   |                                     |          |          |  |  |
|       | 2<br>3<br>4<br>5 | X           | ·          | Œ           | ·          |   |                                     |          |          |  |  |
|       | 3                | X           | -          | -           | -          |   | <u> </u>                            | L        |          |  |  |
|       | 4                | X           | -          | -           | -          |   |                                     |          |          | L  |  |
|       | 5                | X           | •          | -           | •          |   |                                     | L        |          | L  |  |
|       | 6<br>7           | X<br>X<br>X | -          | -           | <u>  -</u> | L   | L                                   |          |          | _  |  |
|       | 7                | X           | <u>  -</u> | <u> </u>    | <u> </u>   | _   | <u> </u>                            | L.       | _        | L  |  |
|       | 8                | X           | <u>  -</u> | <u>-</u>    | <u> -</u>  | $ldsymbol{ld}}}}}}$ | L                                   | <u> </u> | _        | _  |  |
|       | 9                | X           | Ŀ          | ŀ           | <u> </u>   | <u> </u>  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        | ╙        | $oxed{oxed}$                               |  |
|       | 10               | X           | <u>  -</u> | •           | <u> </u>   | ᆫ   | _                                   | Ŀ        | ┖        | <u> </u>                                   |  |
|       | 11<br>12<br>13   | Х           | <u> </u>   | -           | Ŀ          | <u> </u>  |                                     |          | <u> </u> | $oldsymbol{oldsymbol{oldsymbol{eta}}}$     |  |
|       | 12               | X           | <u> </u>   | -           | <u>  -</u> | <u> </u>  | _                                   | <u> </u> | ┞        | ـــ  |  |
|       | 13               | Х           | <u> </u>   | Ŀ           | Ŀ          | ldash   | <u> </u>                            | L.       | ┞        | ـــــ                                      |  |
|       | 14<br>15         | X           | Ŀ          | Ŀ           | Ŀ          | <u> </u>  | <u> </u>                            | <b>!</b> | <u> </u> | <u> </u>                                   |  |
|       | 15               | X           | Ŀ          | -           | <u> </u>   |   | ∟                                   | ـــــ    | <u> </u> | <u> </u>                                   |  |
|       | 16               | Х           | -          | <u>-</u>    | -          | <u> </u>  | <u> </u>                            | _        | ↓        | ļ  |  |
|       | 17<br>18<br>19   | X           | -          | -           | -          | <u> </u>  | <u> </u>                            | _        | <u> </u> | ļ  |  |
|       | 18               | X           | -          | <u>-</u>    | -          |   | L                                   | _        | <u> </u> | <u> </u>                                   |  |
|       | 19               | Х           | Ŀ          | <u> </u>    | -          |   |                                     | _        | <u> </u> | <u> </u>                                   |  |
|       | 20<br>21         | Х           | _          | -           | -          |   |                                     |          | _        | _  |  |
|       | 21               | Х           | Ξ          | -           | -          |   |                                     |          | <u> </u> | <u> </u>                                   |  |
|       | 22<br>23         | х           | -          | -           | -          | _   |                                     | L        | <u> </u> | _  |  |
|       | 23               | х           | •          | -           | ·          | _   |                                     |          |          |  |  |
|       | 24               | х           | -          | -           | Ŀ          |   | <u> </u>                            |          |          |  |  |
|       | 25               | X           | -          | -           | -          |   | <u> </u>                            |          |          | <u> </u>                                   |  |
|       | 26<br>27         | X           | -          | -           | •          |   | <u> </u>                            |          | L        | _  |  |
|       | 27               | Х           | -          | -           | -          |   | <u> </u>                            |          |          |  |  |
|       | 28<br>29         | X           | -          |             | -          |   |                                     |          |          |  |  |
|       | 29               | X           | -          | -           | -          |   |                                     | <u> </u> |          | <u> </u>                                   |  |
|       | 30               | Х           | •          | •           | •          |   |                                     |          |          |  |  |
| ]     | 31               | Х           | ١.         | <u>[-</u> ] | ٠          | L.  | <u> </u>                            |          |          |  |  |
|       | 32               | Х           | •          | -           | -          |   | L                                   |          | _        |  |  |
|       | 33               | X           | -          | -           | -          |   |                                     | L        |          |  |  |
|       | 34_              |             | -          | -           | -          |   |                                     |          | L        |  |  |
| ]     | 35               | X           | •          | ·           | •          |   |                                     |          |          |  |  |
| ]     | 36               | x           | -          | •           |            |   |                                     |          |          |  |  |
|       | 37               | Х           | -          | -           | -          |   |                                     |          |          | $oxedsymbol{oxedsymbol{oxedsymbol{oxed}}}$ |  |
| ]     | 38               | Х           | -          | -           |            |   |                                     |          | L        |  |  |
|       | 39               | X           | •          | -           | -          |   |                                     |          |          |  |  |
| ]     | 40               | Х           | -          | -           | •          |   |                                     |          |          | <u> </u>                                   |  |
|       | 41               | X           | •          | -           | ٠          |   |                                     |          |          |  |  |
|       | 42               | Х           | -          | -           | •          |   |                                     |          |          |  |  |
| ]     | 43               | Х           | _          | -           | -          |   |                                     |          | L        |  |  |
|       | 44               | Х           | -          | - [         | •          |   |                                     |          | Ĺ        | $\Box$                                     |  |
|       | 45               | Х           | -          | -           |            |   |                                     |          |          |  |  |
|       | 46               | Х           | -          |             | -          |   |                                     |          |          |  |  |
|       | 47               | Х           | ·          | -           | -          |   |                                     |          |          |  |  |
|       | 48               | Х           | -          | •           | •          |   |                                     |          | $\Box$   |  |  |
|       | 49               | X           | -]         | -           | •          |   |                                     |          |          |  |  |
|       | 5                | V           | 1          |             |            |   |                                     |          | ı —      |  |  |

| L | Cla   | aim      | Date   |         |                         |         |          |          |              |          |          |    |
|---|-------|----------|--|---------|-------------------------|---------|----------|----------|--------------|----------|----------|----|
|   | Final | Original | 6/23/04                                      | 11/8/04 | 1/12/05                 | 4/29/05 | 7/8/05   |          |              |          |          |    |
|   |       | 51       | х  | ·       |                         | ·       |          |          |              |          |          | ľ  |
| E | _     | 52       |  | Z       | •                       |         | -        |          |              |          |          | ]: |
|   |       | 53       |  | z       | •                       |         | -        |          |              |          |          | ]  |
| [ |       | 54       |  | N       | •                       | •       | -        |          |              |          |          | ]  |
| ſ |       | 55       |  | Z       | 1                       | •       | -        |          |              |          |          | ]  |
|   |       | 56       |  | Ν       | •                       | ŀ       | •        |          |              |          |          |    |
|   |       | 57       |  | z       | •                       | •       | Ŀ        |          | L            |          |          | ]  |
| L |       | 58       | <u>.                                    </u> | N       | •                       | •       | Ŀ        |          | L            | L        |          |    |
| L |       | 59       | L  | N       | •                       |         | <u> </u> | L        | L            | <u> </u> | ┖        |    |
| L |       | 60       |  | N       | -                       | -       | <u>-</u> |          |              |          |          |    |
| L |       | 61       |  | N       | -                       | -       | -        |          | <u> </u>     | <u> </u> |          | ŀ  |
| L |       | 62       |  | N       | -                       | -       | <u>-</u> | L_       | <u> </u>     |          | L        | ŀ  |
| Ļ |       | 63       |  | 7       | -                       | -       | <u>-</u> | _        | L            | _        | _        | ŀ  |
| Ļ |       | 64       | <u> </u>                                     | N       | -                       | -       | Ŀ        |          | L            | _        | _        | l  |
| L |       | 65       |  | N       | -                       | -       | -        | <u> </u> | L.           | _        | ļ        |    |
| Ļ |       | 66       |  | N       | $\vdash$                | ·       | Ŀ        |          | _            | L        | <u> </u> |    |
| Ļ |       | 67       |  | N       | ٠                       | ٠       | ·        | <u> </u> | _            | _        | L        |    |
| ŀ |       | 68       | _  | N       | $\vdash$                | •       | Ŀ        | <u> </u> | ├            | <u> </u> | <u> </u> |    |
| ŀ |       | 69       |  | N       | $\vdash$                | •       | Ŀ        | <u> </u> | <u> </u>     | <u> </u> | ╙        | ľ  |
| ŀ |       | 70       | _  | N       | $\vdash$                | -       | Ŀ        | <u> </u> | <u> </u>     | ┞        | ⊢        | l  |
| ŀ |       | 71       |  | N :     | -                       | •       | Ŀ        | _        | _            |          | _        |    |
| ŀ |       | 72<br>73 | _  | N       | -                       | •       | •        | -        |              | <u> </u> | -        |    |
| ŀ |       | /3       | _  | N       | -                       | -       |          |          | <u> </u>     | _        | _        |    |
| ŀ |       | 74<br>75 | $\vdash$                                     | N       | -                       | _       | -        | _        | ┝            | ⊢        | ⊢        | ł  |
| ŀ |       |          |  | N       | -                       | -       | -        |          | -            | ├        |          | 1  |
| ŀ |       | 76<br>77 |  | N       | -                       | -       | •        |          | <del> </del> | ┢        | -        | 1  |
| ŀ |       | 78       | $\vdash$                                     | N       | -                       | ÷       | -        |          | ┢            | ┝╌       |          |    |
| ŀ |       | 79       |  | N       | -                       |         | -        |          |              | H        | $\vdash$ |    |
| ŀ |       | 80       |  | N       | $\exists$               | •       | ÷        |          | $\vdash$     | $\vdash$ | $\vdash$ |    |
| ŀ |       | 81       |  | N       |                         | •       | •        | -        | -            | -        | -        |    |
| ŀ |       | 82       |  | N       |                         | -       | -        | -        |              | -        | -        |    |
| r |       | 83       |  | N       | _                       | -       | -        |          |              |          | $\vdash$ |    |
| ŀ |       | 84       | _  | N       | -                       | -       | -        |          | _            | <u> </u> | 1        |    |
| r |       | 85       |  | Ň       | -                       | -       | -        | Н        | _            | $\vdash$ |          |    |
| r |       | 86       |  | N       | -                       | -       | -        |          | _            | $\vdash$ |          |    |
| r |       | 87       |  | N       | -                       | -       | -        |          |              | $\vdash$ |          |    |
| r |       | 88       |  | N       | -                       | -       | -        |          |              |          |          |    |
| r |       | 89       |  | N       | -                       | -       | -        |          |              |          |          |    |
| r |       | 90       |  | N       | -                       | -       | -        |          |              |          |          |    |
| r |       | 91       |  |         | х                       | Х       | =        |          |              |          |          |    |
| r |       | 92       |  |         | х                       | х       | =        |          |              |          |          |    |
|   |       | 93       |  |         | $\overline{\mathbf{x}}$ | х       | =        |          |              |          |          |    |
| [ |       | 94       |  | ·       | X                       | Х       | =        |          |              |          |          |    |
| Г |       | 95       |  |         | Х                       | Х       | =        |          |              |          |          |    |
| [ |       | 96       |  |         | Х                       | Х       | =        |          |              |          |          |    |
| C |       | 97       |  |         | Х                       | Х       | =        |          |              |          |          |    |
|   |       | 98       |  |         | X                       | Х       | =        |          |              |          |          |    |
|   |       | 99       |  |         | Х                       | Х       | =        |          |              |          |          |    |
| ſ |       | 100      |  |         | Х                       | Х       | =        | _7       |              | L        | L        |    |

|       | l   | _        |          |          |         |          |              |              | J            |          |
|-------|---|----------|----------|----------|---------|----------|--------------|--------------|--------------|----------|
|       |   | _        |          |          |         |          |              |              |              |          |
| CI.   | aim   |          | _        | _        | ,       | ) at     | <del>e</del> | _            |              |          |
| Final | Original  |          |          | 1/12/05  | 4/29/05 | 7/8/05   |              |              |              |          |
|       | 101<br>102  |          |          | Х        | X       | Ξ        |              |              |              |          |
|       | 102   |          |          | Х        | Х       | =        |              | Г            |              |          |
|       | 103<br>104  |          |          | х        | X       | =        |              | Г            |              |          |
|       | 104   |          |          | Х        | X       | =        |              |              |              |          |
|       | 105   |          | T        | х        | х       | =        |              |              |              |          |
|       | 106   |          | Т        | х        | х       | =        |              |              |              |          |
|       | 107   |          | Г        | X        | X       | =        |              |              |              |          |
|       | 108   |          |          | Х        | Х       | =        |              |              | Γ            | П        |
|       | 109   |          |          | X        | X       | =        |              |              |              |          |
|       | 110   |          |          | Х        | Х       | =        |              |              |              |          |
|       | 111   |          |          | х        | X       | Ξ        |              |              |              | Ш        |
|       | 112   |          |          | Х        | Х       | =        |              |              | _            | Ш        |
|       | 111<br>112<br>113   |          | _        | Х        | Х       | =        | L            |              |              | Ш        |
|       | 114<br>115  | L        |          | X        | X       | =        | <u> </u>     | _            |              | Ш        |
|       | 115   |          | ļ        | X        | X       | 트        | _            | _            |              | Ш        |
|       | 116   | _        | _        | X        | X       | =        |              | _            | _            | Ш        |
|       | 117   |          | _        | Х        | Х       | =        | _            | _            | ļ            | Ш        |
|       | 118   | <u> </u> |          | X        | X       | ╚        |              | _            | -            | Н        |
|       | 119   | _        | _        | X        | X       | =        | _            | <del> </del> |              | Н        |
|       | 120<br>121  | _        | <u> </u> | X        | X       | =        |              | <u> </u>     | <del> </del> | Н        |
|       | 121   |          | ┝        | X        |         | =        | _            | ⊢            |              | Н        |
|       | 122   | _        | $\vdash$ |          | X       | # #      |              | ├            | ⊢            | Н        |
|       | 124   |          | H        | X        | Ŷ       | -        | -            | -            | $\vdash$     | $\vdash$ |
|       | 125   |          |          | x        | x       | <u> </u> | _            | -            | $\vdash$     | H        |
|       | 126   |          |          | X        | X       | =        | -            |              | $\vdash$     | $\vdash$ |
|       | 127   |          | $\vdash$ | Х        | Х       | =        |              | <u> </u>     | $\vdash$     | Н        |
|       | 128   |          |          | х        | X       | =        |              |              |              | П        |
|       | 129   |          |          | Х        | Х       | =        |              |              |              | П        |
|       | 130   |          |          | Х        |         | =        |              | _            |              | П        |
|       | 131   |          |          | Х        | X       | =        | -            |              |              | П        |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132 |          |          | Х        | Х       | =        |              |              |              | П        |
|       | 133   |          |          | Х        | Х       | =        |              |              |              |          |
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|       | 135   |          |          | Х        | Х       | =        |              |              |              |          |
|       | 136<br>137  |          |          | Х        | X       | =        |              |              |              |          |
|       | 137   |          |          | Х        | Х       | =        |              |              |              |          |
|       | 138<br>139  |          |          | X<br>X   | X<br>X  | =        |              |              | <u> </u>     | Ш        |
|       | 139   |          | Ш        |          |         | =        |              |              |              | ١.       |
|       | 140   |          | Щ        | X        | X       | =        |              |              | <u> </u>     | Щ        |
|       | 141   |          | Ш        | ×        | Х       | =        | _            | <u> </u>     | <u> </u>     | Щ        |
|       | 142   |          | Ш        |          | _       |          |              | _            | <u> </u>     | Н        |
|       | 143   |          |          |          | -       | -        |              | _            | <del> </del> | Н        |
|       | 144   |          |          |          | _       | -        | _            | -            | <u> </u>     | Н        |
|       | 145   |          | $\vdash$ | -        |         | $\dashv$ | _            | -            | -            | H        |
|       | 146<br>147  |          | $\vdash$ | -        |         | -        | _            | ۱            | -            | H        |
|       | 148   |          | $\vdash$ | $\dashv$ |         | $\dashv$ |              | -            | $\vdash$     | Н        |
|       | 149   | _        | $\vdash$ | $\dashv$ |         | -        |              | -            | $\vdash$     | Н        |
|       | 150   |          | $\dashv$ | $\dashv$ |         |          |              | -            | -            | Н        |
| 1     |   |          | . 1      | - 1      |         |          |              |              |              |          |